

Oak Ridge National Laboratory E-Commerce

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Greg Turner
CFO, UT-Battelle

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OAK RIDGE NATIONAL LABORATORY
U. S. DEPARTMENT OF ENERGY

E-Commerce Implementation

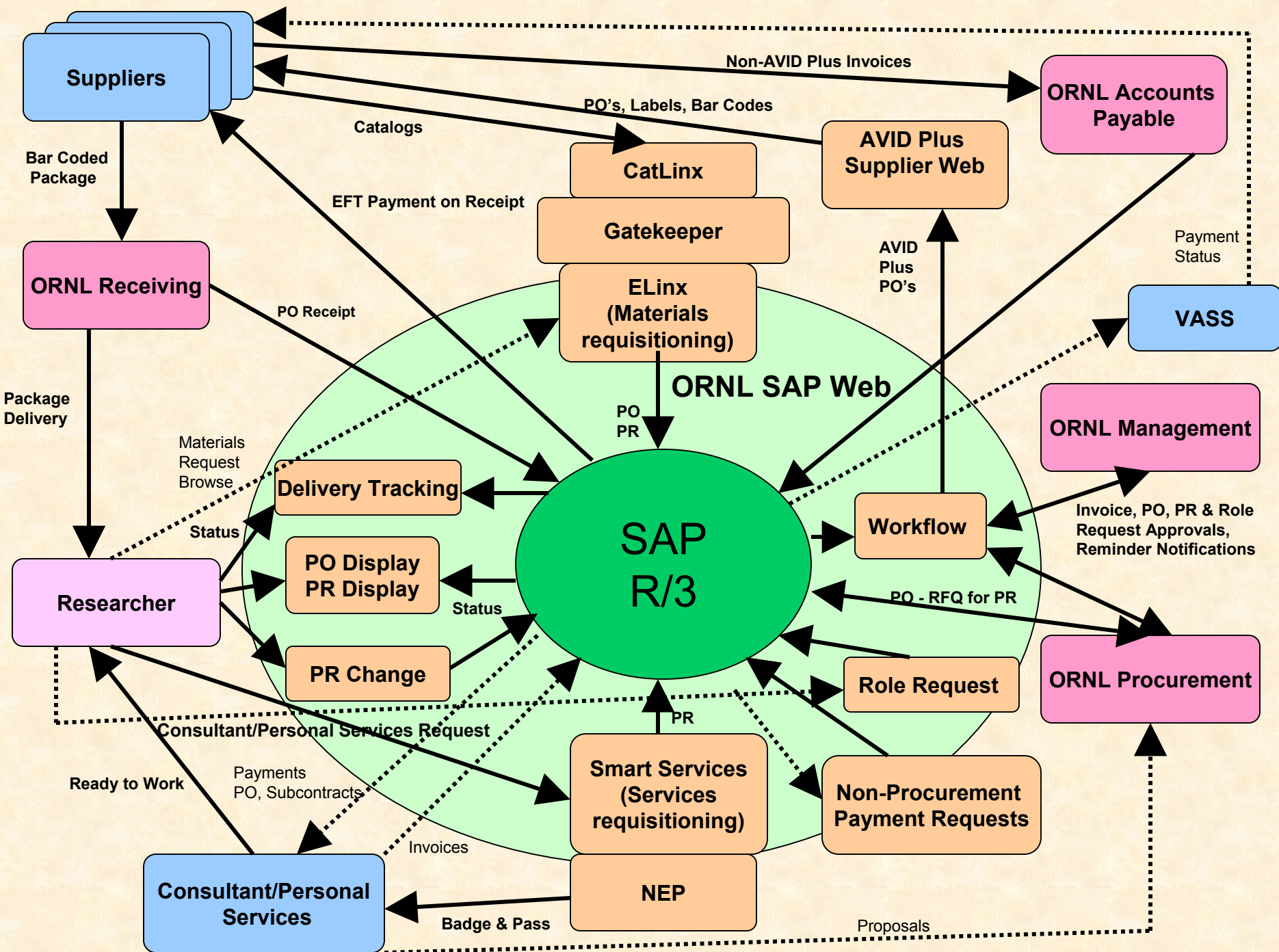
- **Commercial & Custom Software Utilized**
 - **Business to Business Applications**
 - **Business to Employee Applications**
- **SAP is core system**

Business to Business Applications

- **Elinx (AVID Plus) & CatLinx**
- **Accelerated Vendor Inventory Delivery (AVID) Plus Supplier Web**
- **Vendor Account Status System (VASS)**
- **Vendor Invoicing**

Business to Employee Applications

- **ORNL SAP Web**
- **Elinx (AVID Plus)**
- **Smart Services**
- **Purchasing Document Find/Display**
- **Requisition Change**
- **Role Requests**
- **Workflow Inbox**
- **Shipments>Returns**
- **Acquire Commodities Easily (ACE) Credit Card System**
- **Employee Self-Service**
- **Non-Procurement Payment Requests**



E-Commerce Benefits

- **Improve user productivity**
- **Effectively manage the supply chain**
 - Reduce maverick purchases
 - Support Small Business Goals
- **Reduce cycle time**
- **Provide relevant decision-making information in a timely manner**
- **Reduce operating costs**
 - Reduced staffing requirements
 - Procurement
 - Receiving
 - Accounts Payable

E-Commerce

Backup Materials

ORNL SAP Web

- **Central web site to manage SAP-related web applications**
- **Organized to reflect SAP functional areas**
- **Forum to provide users with information on latest updates**

Elinx (AVID Plus)

- **Commercial application by ChanneLinux**
- **One-Stop Shopping**
 - Web-based catalog and requisitioning application
 - Real-time interface with SAP
- **Approximately 2000 users**
- **27 supplier catalogs with > 120,000 supplier catalog items representing 28 commodity lines**
- **Implemented October, 1998**

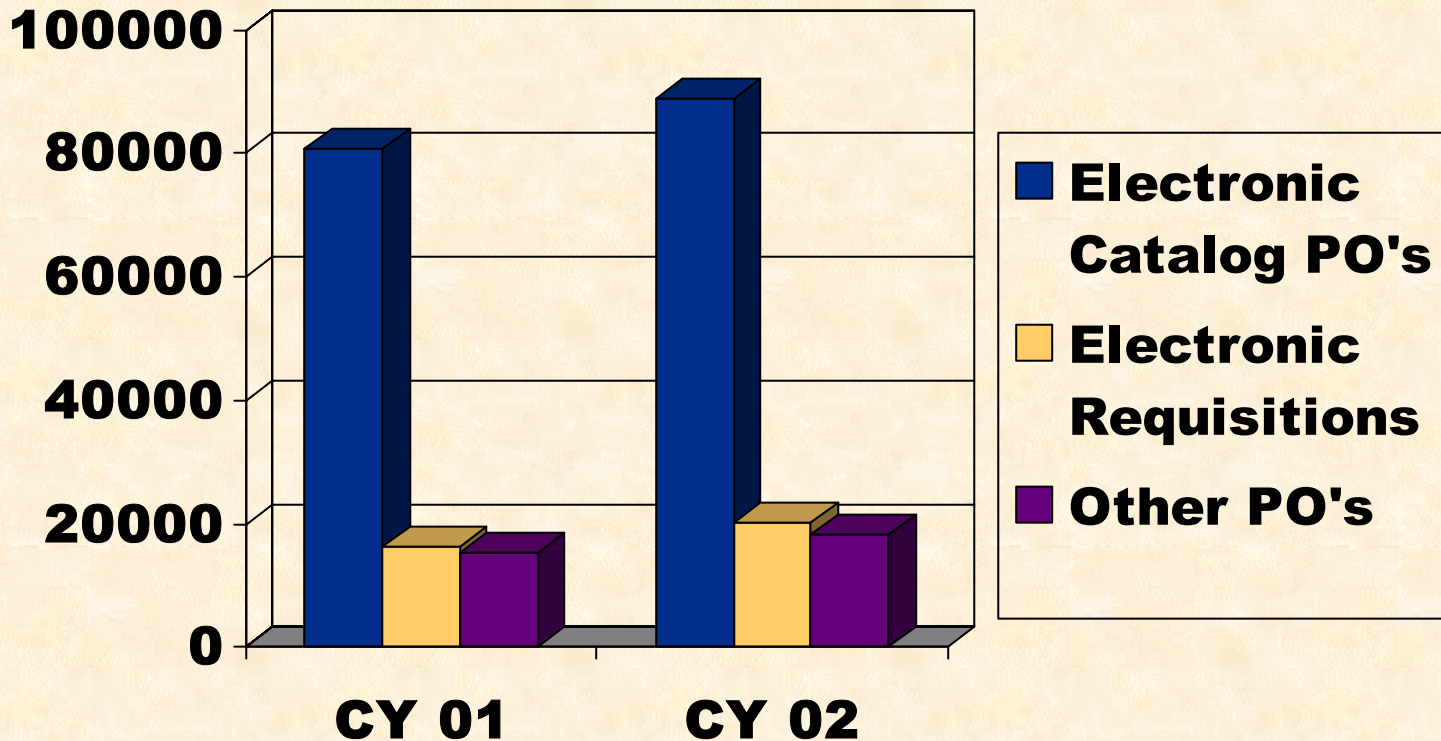
Elinx (AVID Plus)

- **ELinx Requester can**
 - **Create POs for catalog items**
 - **Create POs for non-catalog items with catalog suppliers**
 - **Request price quotes from catalog suppliers for non-catalog items (email function)**
 - **Create reservations for ORNL stock material**
 - **Create requisitions for non-catalog items (to be purchased by Procurement)**
- **ELinx POs paid electronically based on receipt (using ERS)**
- **Vendor does not invoice**

Benefits of Elinx (AVID Plus)

- **Reduced maverick purchases**
- **Reduced staffing requirements in Receiving and Procurement**
- **Effective supply chain management**
- **Support ORNL's Small Business, Small Disadvantaged Business and Woman-Owned Small Business Subcontracting goals**
- **Audit log maintained in SAP including release/approval process**

AVID Plus Transaction Activity



CatLinx & ORNL Gatekeeper

- **Catalog content management tools**
- **CatLinx**
 - Commercial-off-the-shelf tool to load supplier catalog data to ELinx
 - Co-developed by ChanneLinx and ORNL
- **ORNL Gatekeeper**
 - Internally developed application to coordinate reviews of catalog data

AVID Plus Supplier Web

- **Developed internally**
- **Suppliers download PO's and print PO's on label paper**
 - **Ability to interface download file to backend business systems**
 - **All packages barcoded**
 - **Receiving scans barcoded packages**
 - **creates goods receipt in SAP**
 - **segregates packages by unloading point**
- **FY2002 - approx. 88,000 barcoded packages received**

Smart Services

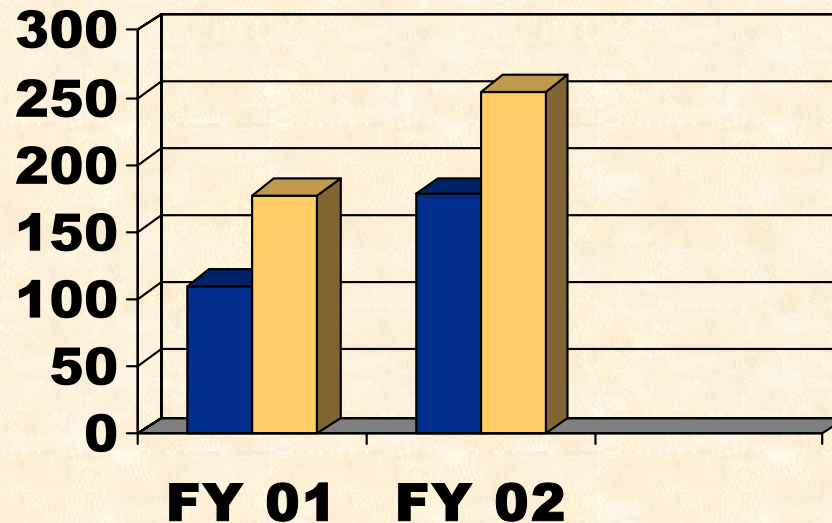
- **Create requisitions for complex services**
- **Address both internal requirements and subcontracting requirements**
- **Approximately 500 users**
- **Implemented October, 1998**

Smart Services Benefits

- Prompts user for required information (internal and subcontracting requirements)
- Defaults information based on user responses
 - GL account for overhead allocation
 - Material group
- Assigns PR approval/release strategy based on user responses
- Audit log maintained in SAP

Smart Services Activity

Millions



■ **Services Dollars** ■ **Total Proc Dollars**

Workflow Inbox

- **Manage SAP workflow tasks**
- **Users have access to**
 - **Own Inbox for pending workflow actions**
 - **Other's Inbox for pending workflow actions**
 - **Preferences for turning email notifications on or off, ex. User can turn on/off emails for PO awards and goods receipts**

Workflow Inbox Benefits

- **Central place for user to manage approval tasks for SAP documents**
 - Purchase orders
 - Purchase requisitions
 - Invoices (FI and MMIV)
 - Role requests
- **Accessible by others (for backup purposes)**
- **Audit log maintained in SAP**

Non-Procurement Payment Requests

- **Types of Requests**
 - Mileage reimbursements
 - Non-procurement reimbursements (petty cash, third party payments, etc.)
- **Benefits**
 - Significant reduction in AP workload
 - Reduction in errors

Vendor Account Status System (VASS)

- **Provide suppliers with basic PO-related payment information**
- **Benefits**
 - **Reduced number of supplier calls/emails to Accounts Payable and Procurement**
 - **Reduction in data entry errors**

Initiatives

- **SAP's Enterprise Portal (EP) 6.0**
 - Participating in restricted customer shipment phase
- **Electronic and web-based invoicing**
- **Scanning solution**
 - Scan and store invoices
 - Read supplier invoice data from scan to automatically create invoice in SAP
- **Electronic RFQs/solicitations and proposals**
- **'Subcontract Modification Request' function in Smart Services**

Initiatives – Elec. Catalog

- **Implement Content Manager module**
 - Tool for suppliers to manage and update catalog content
- **Punch out to internet catalogs**
- **Additional user defaults**
- **Replenish stock items via catalog purchases**
- **Improved searching capabilities and catalog content**
- **Quick entry for known part numbers**
- **Price quote request (RFQ) function**
- **Items on non-catalog POs automatically added to catalog database**

E-Commerce Contacts

- **C. J. Humphreys**
 - Director, Business Systems
 - humphreyscj@ornl.gov
- **Tracey Lawson**
 - SAP Functional Specialist
 - lawsonto@ornl.gov